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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Michael Garin Attorney file: 5795  
Serial No.: 10/670,700 Examiner: Tran  
Filed: 9/24/03 Group: 1725  
For: CASTING SOLIDIFICATION EXPANSION MATERIALS

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents Non fee amendment P.O. Box 1450 Arlington VA 22313-1450 on 1-26-05 by applicant's attorney, Carl L. Johnson.

Carl L. Johnson  
Carl L. Johnson  
1-26-05

Honorable Commissioner of Patents:  
Arlington VA 22313-1450

Sir:

REMARKS

The applicant received the Office Action of November 24, 2004 wherein the Office rejected claims 1-4 based on Suzuki 4,497,359 under 35 U.S. C. 102. Claims 5-26 are directed to an unelected invention and have now been canceled.

As part of the 102 rejection the office took the position that Suzuki discloses the present invention. Applicant disagrees since the Suzuki mold operates exactly opposite of applicant's mold. That is Suzuki has "a squeeze plunger 36" that increases the pressure on his molten article that forms a solidificaion volume that is less than his casting volume. Figure 2 and Figure 3 of Suzuki disclose his "squeeze plunger 36", which starts from a retracted position shown in Figure 2 is, moved forward to" squeeze" the molten metal as illustrated in Figure 3. The Suzuki U. S. patent